

030204

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PATENT DOCKET NO. 2080-3234
CUSTOMER NO. 035884

22264 U.S. PTO
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U.S.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the application of:
Hae Hyoung Kim and Sung Ryong Hong
Serial No:
Filed: Herewith
For: CHANNEL ESTIMATOR ADOPTING MASKING

Art Unit:

Examiner:

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

030204

Dear Sir:

Transmitted herewith for filing is the patent application identified above.

5 sheet(s) of drawings (formal informal) is(are) enclosed.

23 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.

An assignment of the invention to LG Electronics, Inc. is enclosed will follow.

An associate power of attorney is enclosed will follow.

Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.

Declaration and Power of Attorney is enclosed will follow.

A certified copy of Korean Patent Application No. 10-2003-0013146 filed on March 3, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 will follow is enclosed.

IDS enclosed (with references).

Preliminary Amendment is enclosed.

CALCULATION OF FEES							
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE		LG/SM \$ ENTITY FEE	
A	TOTAL CLAIMS FEE	15	-20	34	LG=\$18 SM=\$9	\$ 18	\$ 0
B	INDEPENDENT CLAIMS FEE*	3	-3	0	LG=\$86 SM=\$43	\$ 86	\$ 0
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						\$ 0
D	MULTIPLE-DEPENDENT CLAIMS FEE						LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145
E	BASIC FEE						LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 770
G	ASSIGNMENT RECORDING FEE						\$ 40
	*LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS]						

A check in the amount of \$ 770 to cover the filing fee is enclosed.

A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.

The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 502290. A copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. § 1.16

Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,

LEE, HONG, DEGERMAN, KANG & SCHMADEKA

Date: March 2, 2004

By: 

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PATENT
Attorney Docket No: 2080-3234
Customer No: 035884

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Jae Hyoung Kim and Sung Ryong Hong
Serial No:
Filed: Herewith
For: CHANNEL ESTIMATOR ADOPTING MASKING

Art Unit:
Examiner: --

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL
"Express Mail" Mailing Label No. ER731428650US
Date of Deposit: March 2, 2004

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- one copy of a letter of transmittal
- check in amount of \$ 770 as filing fee
- patent application (23 page(s) of specification: 15 claim(s); 1 page(s) of abstract
5 sheet(s) of formal drawings
- An assignment of the invention to LG Electronics, Inc. is enclosed will follow
- A check in the amount of \$ 40 to cover Assignment Recordation fee is enclosed.
- executed Declaration and Power of Attorney is enclosed will follow
- An associate power of attorney is enclosed will follow.
- A certified copy of Korean Patent Application No. 10-2003-0013146 filed on March 3, 2003, from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119 will follow is enclosed
- IDS transmittal
- PTO-1449 form
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: March 2 __, 2003

Amit Sheth

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Name of person mailing papers

LEE, HONG, DEGERMAN, KANG & SCHMADEKA



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